INDEX TO AUTHORS

ANDREWES, C. H., see *Sawicki, L.*

ASHERSON, G. L. and DUMONDE, D. C., characterization of auto-antibodies produced in the rabbit by the injection of rat liver, 12

BAAR, S. and TOPLEY, ELIZABETH, observations on the alkaline denaturation of haemoglobin in burned rats, 207

BASSETT, D. C. J., the cytotoxic action of Forssman antisera on guinea-pig kidney cells *in vitro*, and the localization of the antigen within the cells, 409

BENACERRAF, B., see *Goldberg, B.*

BERDJIS, C. C., GLEISER, C. A., HARTMAN, H. A., KUEHNE, R. W. and GOCHENOUR, W. S., pathogenesis of respiratory anthrax in *Macaca mulatta*, 515

BERKINSHAW-SMITH, E. M. INEZ, MORGAN, R. S. and PAYLING WRIGHT, G., the action of Forssman antiserum on the blood vessels of the skin in guinea-pigs, 665

BLYTH, W. A., REEVE, P., GRAHAM, DORIS M. and TAVERNE, JANICE, the production of antisera that neutralize inclusion blennorrhoea virus, 340

BROOKS, P. W., see *Gardner, D. L.*

BRUCE, H. M., see *Sawicki, L.*

BUCK, R. C., lesions in the rabbit aorta produced by feeding a high cholesterol diet followed by a normal diet. An electron microscope study, 236

BURNET, F. M., see *Szenberg, A.*

BYERS, S. O. and FRIEDMAN, M., experimental venous and arterial thromboatherosclerosis: a comparative study, 198

——— see *Friedman, M.*

CALDWELL, R. A., the effects of sex hormones in experimental osteoporosis in rats, 103

CAMERON, J. M. and MELROSE, A. G., changes in liver, pancreatic and stomach' morphology following chronic glucagon administration in guinea-pigs, 384

——— PIRIE, T. G. and ROBB, R. A., protective action of certain hormones and vitamins against lathyrogenic drugs, 496

COGNIAUX-LE CLERC, J., effect of 8-azaguanine on the synthesis of vaccinia virus, 587

CONALTY, M. L. and JACKSON, R. D., uptake by reticulo-endothelial cells of the rimino-phenazine B.663 (2 - *p* - chloro - anilino - 5 - *p* - chlorophenyl - 3 : 5 - dihydro - 3 - isopropyliminophenazine), 650

CONNOLLY, J. H., HERRIOTT, R. M. and GUPTA, SHANTA, deoxyribonuclease in human blood and platelets, 392

——— ribonuclease in normal and uraemic human blood, 402

DAVIDSON, E., HOWARD, A. N. and GRESHAM, G. A., the nature of the coagulation defect in rats fed diets which produce thrombosis or experimental atherosclerosis, 166

——— the effect of phenindione on rats fed diets which produced thrombosis or experimental atherosclerosis, 418

DAVIES, D. A. L., see *Haughton, G.*

DOLLERY, C. T. and MATTHEWS, C. M. E., distribution of hippuran labelled with ^{131}I in the kidneys and liver, 329

DUMONDE, D. C. and GLYNN, L. E., the production of arthritis in rabbits by an immunological reaction to fibrin, 373

——— see *Asherson, G. L.*

FALLOWFIELD, T. L., the treatment of acutely x-irradiated mice with streptomycin and derivatives of 6-aminopenicillanic acid, 44

FIELD, E. O., RINSLER, M. G. and GIBBS, J. E., the specificity of the haemolysis of homologous disease in rats, studied by simultaneous labelling of red cells with ^{59}Fe and ^{51}Cr, 320

FITZGEORGE, R. B., see *Pearce, J. H.*

FITZPATRICK, M., see *Sellers, R. F.*

FLOREY, H. W., GREER, S. J., KISER, J., POOLE, J. C. F., TELANDER, R. and WERTHESSEN, N. T., the development of the pseudointima lining fabric grafts of the aorta, 655

FRIED, R., see *Klemperer, F.*

FRIEDMAN, M. and BYERS, S. O., excess lipid leakage; a property of very young vascular endothelium, 363

——— see *Byers, S. O.*

GARBUTT, ELIZABETH, W., see *Rees, R. J. W.*
GARDNER, D. L., the influence of intermittent bretylium tosylate (Darenthin) on the development of vascular disease in rats with hypertension caused by sodium retention, 88
—— arterial necrosis caused by methoxamine: a comparison between acute experimental hypertensive arterial disease in the rat and lesions caused by a sympathomimetic amine, 213
—— and BROOKS, P. W., prevention of vascular necrosis in rats with adrenal-regeneration hypertension by incomplete control of raised blood pressure, 276
GESNER, B. M. and GOWANS, J. L., the output of lymphocytes from the thoracic duct of unanaesthetized mice, 424
—— the fate of lethally irradiated mice given isologous and heterologous thoracic duct lymphocytes, 431
GIBBS, J. E., see *Field, E. O.*
GLADSTONE, G. P., MUDD, S., HOCHSTEIN, H. D. and LENHART, NANCY A., the assay of anti-staphylococcal leucocidal components (F and S) in human serum, 295
——— see *Mudd, S.*
GLEISER, C. A., see *Berdjis, C. C.*
GLYNN, L. E., see *Dumonde, D. C.*
GOCHENOUR, W. S., see *Berdjis, C. C.*
GOLDBERG, B., KANTOR, F. S. and BENACERRAF, B., an electron microscopic study of delayed sensitivity to ferritin in guinea pigs, 621
GOLDSTEIN, B., WEBSTER, I. and SICHEL, H. S., evaluation of experimental methods in the determination of the fibrogenic action of dusts. I. The intratracheal method, 38
GOODER, H., see *Schwab, J. H.*
GOWANS, J. L., see *Gesner, B. M.*
GRAHAM, DORIS M., see *Blyth, W. A.*
GREER, S. J., see *Florey, H. W.*
GRESHAM, G. A., HOWARD, A. N. and KING, A. J., a comparative histopathological study of the early atherosclerotic lesion, 21
——— see *Davidson, E.*
GUPTA, SHANTA, see *Connolly, J. H.*

HARRIS-SMITH, PATRICIA W., see *Pearce, J. H.*
HARTMAN, H. A., see *Berdjis, C. C.*
HAUGHTON, G. and DAVIES, D. A. L., tissue cell antigens: antigens of mouse tumour cell ghosts, 488
HAYASHI, H., MIYOSHI, H., NITTA, R. and UDAKA, K., proteolytic mechanism in recurrence of Arthus-type inflammation by thiol compounds, 564
——— UDAKA, K., KOONO, M. and YOSHIMURA, M., higher susceptibility to thiol compounds of protease in healing sites of Arthus-type inflammation and its biological significance, 575
HEATH, R. B., TYRRELL, D. A. J. and PETO, S., serological studies with Sendai virus, 444
HEPTINSTALL, R. H., experimental pyelonephritis. The effect of chronic infection on the blood pressure in the rat, 333
HERRIOTT, R. M., see *Connolly, J. H.*
HOBBS, J. T., external measurement of fibrinogen uptake in experimental venous thrombosis and other local pathological states, 48
HOBSON, D., see *Schild, G. C.*
HOCHSTEIN, H. D., see *Gladstone, G. P.*
———see *Mudd, S.*
HONOUR, A. J. and ROSS RUSSELL, R. W., experimental platelet embolism, 350
HOWARD, A. N., see *Davidson, E.*
——— see *Gresham, G. A.*
HUCKER, R., see *Taylor-Robinson, D.*
HULTH, A. and WESTERBORN, O., early changes of the growth zone in the rabbit following roentgen irradiation: autoradiographic investigation after the administration of radiosulphate, 137

JACKSON, R. D., see *Conalty, M. L.*
JONES, J. H., tissue changes following prolonged hypothermia in the rat, 257

KANTOR, F. S., see *Goldberg, B.*
KAUFMAN, N., see *Klavins, Janis V.*
KEPPIE, J., see *Smith. H.*
——— see *Williams, A. E.*
KING, A. J., see *Gresham, G. A.*
KINNEY, T. D., see *Klavins, Janis V.*
KISER, J., see *Florey, H. W.*
KLAVINS, JANIS V., KINNEY, T. D. and KAUFMAN, N., the influence of dietary protein on iron absorption, 172
KLEMPERER, F., FRIED, R. and STARK, K., necrotizing factor in human sera, 116
KOONO, M., see *Hayashi, H.*
KUEHNE, R. W., see *Berdjis, C. C.*

LANNIGAN, R. and MCQUEEN, E. G., the effect on the renal glomerular epithelial cells of proteinuria induced by infusions of human serum albumin in rabbits and rats, 549
LASCELLES, A. K., the function of the mammary lymphatics in staphylococcal and streptococcal mastitis in sheep, 627
LENHART, NANCY A., see *Gladstone, G. P.*
——— see *Mudd, S.*

LEVENE, C. I., the effect of lathyrogenic compounds on the glycogen content of the chick embryo liver, 596
——— and POOLE, J. C. F., the collagen content of the normal and atherosclerotic human aortic intima, 469
LIBAN, E., see *Tal, Chloe*
LIND, P. E., see *Szenberg, A.*
LOUTIT, J. F. and MICKLEM, H. S., "secondary disease" among lethally irradiated mice restored with haematopoietic tissues from normal or iso-immunized foreign mice, 77

MCQUEEN, E. G., see *Lannigan, R.*
MARKENSON, J., SULITZEANU, D. and OLITZKI, A. L., immunogenic activity of brucella cell wall, 67
MATTHEWS, C. M. E., see *Dollery, C. T.*
MAXTED, W. R., see *Schwab, J. H.*
MELROSE, A. G., see *Cameron, J. M.*
MICKLEM, H. S., see *Loutit, J. F.*
MIMS, C. A., the haemorrhagic enteritis syndrome in mice, 24
——— experiments on the origin and fate of lymphocytes, 639
MIYOSHI, H., see *Hayashi, H.*
MORGAN, R. S., see *Berkinshaw-Smith, E. M. Inez*
MUDD, S., GLADSTONE, G. P., LENHART, NANCY A. and HOCHSTEIN, H. D., titrations of antibodies against alpha-haemolysin and the components of staphylococcal leucocidin in human subjects following immunization, 313
——— see *Gladstone, G. P.*

NELSON, D. S., immunological enhancement of skin homografts in guinea-pigs, 1
NITTA, R., see *Hayashi, H.*

OH, J. O., the role of iris in the pathogenesis of a viral toxic lesion or rabbit corneal endothelium *in vitro*, 241
OLITZKI, A. L., see *Markenson, J.*

PAYLING WRIGHT, G., see *Berkinshaw-Smith, E. M. Inez*
PEARCE, J. H., WILLIAMS, A. E., HARRIS-SMITH, PATRICIA W., FITZGEORGE, R. B. and SMITH, H., the chemical basis of the virulence of *Brucella abortus*. II. Erythritol, a constituent of bovine foetal fluids which stimulates the growth of *Br. abortus* in bovine phagocytes, 31
——— see *Smith, H.*
PETO, S., see *Heath, R. B.*
PIRIE, T. G., see *Cameron, J. M.*
POOLE, J. C. F., see *Florey, H. W.*
——— see *Levene, C. I.*

REES, R. J. W. and GARBUTT, ELIZABETH W., studies on *Mycobacterium lepraemurium* in tissue culture. I. Multiplication and growth characteristics in cultures of rat fibroblasts, 221
——— and TEE, ROSEMARY D., studies on *Mycobacterium lepraemurium* in tissue culture. II. The production and properties of soluble antigens from *Myco. lepraemurium* in tissue culture, 480
REEVE, P., see *Blyth, W. A.*
RENAUD, S., calcification in the renal-cardiovascular system of female breeder rats, 387
RINSLER, M. G., see *Field, E. O.*
ROBB, R. A., see *Cameron, J. M.*
ROBERTS, J. A., histopathogenesis of ectromelia. I. Respiratory infection, 451
——— histopathogenesis of ectromelia. II. Cutaneous infection, 462
ROSS RUSSELL, R. W., see *Honour, A. J.*

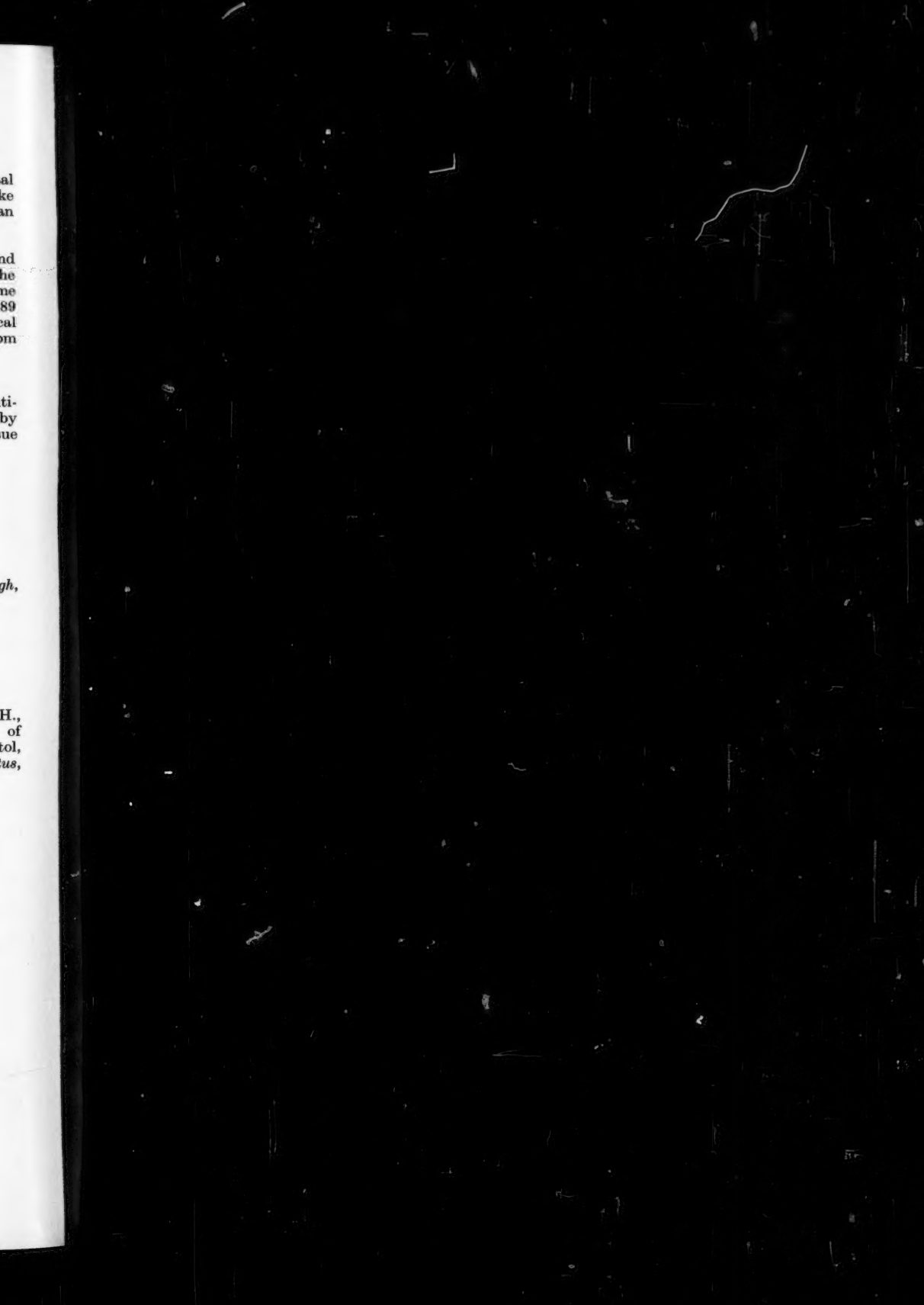
SAWICKI, L., BRUCE, H. M. and ANDREWES, C. H., *Streptobacillus moniliformis* infection as a probable cause of arrested pregnancy and abortion in laboratory mice, 194
SCHILD, G. C. and HOBSON, D., neutralizing antibody levels in human sera with two strains of common cold virus, 288
SCHWAB, J. H., GOODER, H. and MAXTED, W. R., further studies on toxic C polysaccharide complexes of the β-haemolytic streptococci, 181
SCOTT, G. B. D., observations on fibrin thrombi produced by endotoxins: an experimental study, 93
SELLERS, R. F. and FITZPATRICK, M., an assay of interferon produced in rhesus monkey and calf kidney tissue cultures using bovine enterovirus M6 as challenge, 674
SHEFFIELD, F. W., inhibition of rabbitpox virus replication by isatin β-thiosemicarbazone, 59
SHILO, M., the effect of levan on extravasation of humoral and cellular components into the peritoneal cavity of the mouse, 142
——— resistance-increasing activity of bacterial lipopolysaccharides and their subfractions towards levan-enhanced infections, 153
SICHEL, H. S., see *Goldstein, B.*
SINGH, V. N., VENKITASUBRAMANIAN, T. A. and VISWANATHAN, R., cellular constituents of guinea-pig lungs in experimental bagassosis, 250
——— *in vitro* studies on the utilization of glucose-1-^{14}C by guinea-pig lungs in experimental bagassosis, 661

SMITH, H. and KEPPIE, J. the terminal phase of anthrax, 684
——— KEPPIE, J., PEARCE, J. H. and WITT, K., the chemical basis of the virulence of *Brucella abortus*. IV. Immunogenic products from *Br. abortus* grown *in vivo* and *in vitro*, 538
——— see *Pearce, J. H.*
——— see *Williams, A. E.*
SNELL, R. S., a study of the effect of chronic irritation on melanogenesis in the skin, 581
SPECTOR, R. G., water content of the immature rat brain following cerebral anoxia and ischaemia, 472
STARK, K., see *Klemperer, F.*
STEWART, G. T., pulsation of lipids, lipoproteins and fibrinogen against excised segments of rabbits' aortas, 345
STIRLING, G. A. and URQUHART, A. E., the toxic effect of crotalaria extract on the liver of rats, 441
STONER, H. B., studies on the mechanism of shock. The effect of limb ischaemia on the non-esterified fatty acids of rat plasma, 556
STRANNEGÅRD, Ö., studies of toxoplasma precipitinogens and their corresponding antibodies by means of diffusion-in-gel methods, 600
STUART, A. E., properties of anti-leucocytic serum, 614
SULITZEANU, D., see *Markenson, J.*
SZENBERG, A. and WARNER, N. L., quantitative aspects of the Simonsen phenomenon. I. The role of the large lymphocyte, 123
——— WARNER, N. L., BURNET, F. M. and LIND, P. E., quantitaive aspects of the Simonsen phenomenon. II. Circumstances influencing the focal counts obtained on the chorioallantoic membrane, 129

TAL, CHLOE and LIBAN, E., experimental production of muscular dystrophy-like lesions in rabbits and guinea-pigs by an auto-immune process, 525
TAVERNE, JANICE, see *Blyth, W. A.*
TAYLOR-ROBINSON, D., HUCKER, R. and TYRRELL, D. A. J., studies on the pathogenicity for tissue cultures of some viruses isolated from common colds, 189
——— and TYRRELL, D. A. J., serological studies on some viruses isolated from common colds (rhinoviruses), 264
TEE, ROSEMARY D., see *Rees, R. J. W.*
TELANDER, R., see *Florey, H. W.*
TIMBURY, MORAG C., the effect of anticellular serum on plaque formation by enteroviruses in human amnion tissue culture, 506
TOPLEY, ELIZABETH, see *Baar, S.*
TYRRELL, D. A. J., see *Heath, R. B.*
——— see *Taylor-Robinson, D.*

UDAKA, K., see *Hayashi, H.*
URQUHART, A. E., see *Stirling, G. A.*

VENKITASUBRAMANIAN, T. A., see *Singh, V. N.*
VISWANATHAN, R., see *Singh, V. N.*

WARNER, N. L., see *Szenberg, A.*
WEBSTER, I., see *Goldstein, B.*
WERTHESSEN, N. T., see *Florey, H. W.*
WESTERBORN, O., see *Hulth, A.*
WILLIAMS, A. E., KEPPIE, J. and SMITH, H., the chemical basis of the virulence of *Brucella abortus*. III. Foetal erythritol, a cause of the localisation of *Br. abortus*, in pregnant cows, 530
——— see *Pearce, J. H.*
WITT, K., see *Smith, H.*

YOSHIMURA, M., see *Hayashi, H.*